

C6498734

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Smeal®
No. 2452-51

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG				PAGE NO. 1	NO. OF PAGES 1	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)															
SECTION I - EQUIPMENT DATA																					
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD	PD AUTHENTICATION X															
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION D Co 315		B. LOCATION Ft. Campbell Ky 42223		C. UNIT IDENT CODE WH0600															
2. SERIAL NO. 6498734		3. NOUN NOMENCLATURE 7.62mm M24 Sniper Weapon		4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER 1005-01-240-2136															
7A. MAINTENANCE ACTIVITY IMO		B. LEVEL O	8. UTILIZATION CODE Ø	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS /														
						11. MILES /	12. ROUNDS														
							13. STARTS														
14. FAILURE DETECTED DURING (Select one - use ✓ or X) <table border="0"><tr><td>☐ A Sch. Main.</td><td>☐ C Test</td><td>☐ E Storage</td><td>☐ G Flight</td></tr><tr><td>☐ B Handling</td><td>☐ D Normal Op</td><td>☐ F Inspection</td><td>☒ H Other</td></tr></table>				☐ A Sch. Main.	☐ C Test	☐ E Storage	☐ G Flight	☐ B Handling	☐ D Normal Op	☐ F Inspection	☒ H Other	15. FIRST INDICATION OF TROUBLE (Select one - use ✓ or X) <table border="0"><tr><td>☐ 068 Inoperative</td><td>☐ 258 Overheating</td><td>☐ 790 Out of Adjustment</td></tr><tr><td>☐ 008 Noisy</td><td>☐ 387 Low Performance</td><td>☒ Other</td></tr></table>				☐ 068 Inoperative	☐ 258 Overheating	☐ 790 Out of Adjustment	☐ 008 Noisy	☐ 387 Low Performance	☒ Other
☐ A Sch. Main.	☐ C Test	☐ E Storage	☐ G Flight																		
☐ B Handling	☐ D Normal Op	☐ F Inspection	☒ H Other																		
☐ 068 Inoperative	☐ 258 Overheating	☐ 790 Out of Adjustment																			
☐ 008 Noisy	☐ 387 Low Performance	☒ Other																			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) 5,400 Rnds Fired Magazine Well Broken																					
B. REMARKS W 52 H 095345 H 246																					
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)																					
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. <i>Block 1A.</i> Enter the name of the organization submitting the request. 6. <i>Block 1B.</i> Enter the unit submitting the request; units overseas enter APO only. 7. <i>Block 1C.</i> Enter the unit identification code of the unit in block 1A. 8. <i>Block 2.</i> Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. <i>Block 3.</i> Enter the noun abbreviation of the item. 10. <i>Block 4.</i> Enter the item line number, if applicable. 11. <i>Block 5.</i> Enter the model number. 12. <i>Block 6.</i> Enter the National Stock Number of the item listed in Block 3.				13. <i>Block 7.</i> Enter the name of the support activity. 14. <i>Block 7A.</i> Enter the symbol of the maintenance category (O, F, H, D, or L). 15. <i>Block 8.</i> Enter the utilization code. 16. <i>Block 9A.</i> Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. <i>Block 9B.</i> Enter the equipment readiness code, if applicable. 18. <i>Block 9C.</i> Enter the word "yes" if the item is a pacing item. 19. <i>Block 10.</i> Enter the hour reading, if applicable. 20. <i>Block 11.</i> Enter the mileage from the odometer, if applicable. 21. <i>Block 12.</i> Enter the total rounds fired, if applicable. 22. <i>Block 13.</i> For turbine engines, enter the number of hot starts. 23. <i>Block 14.</i> Enter a "✓" or "X" in the proper block. 24. <i>Block 15.</i> Enter a "✓" or "X" in the proper block. 25. <i>Block 16.</i> Describe briefly the fault or symptoms needing correction.																	
23. SUBMITTED BY Tony D. Wadant [Signature]		24. RECEIVED BY																			
JULIAN DATE		JULIAN DATE																			

Bco 84B

MAINTENANCE REQUEST				PAGE NO. <u>1</u>		NO. OF PAGES <u>1</u>		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG											
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD		PD AUTHENTICATION <u>X</u>		
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION <u>Dco 315</u>			B. LOCATION <u>Ft. Campbell Ky 42223</u>				C. UNIT IDENT CODE <u>WH0600</u>		
2. SERIAL NO. <u>06498734</u>		3. NOUN NOMENCLATURE <u>7.62mm M24 Sniper Weapon</u>			4. LINE NO.		5. MODEL		6. NATIONAL STOCK NUMBER <u>1005-01-240-2136</u>		
7A. MAINTENANCE ACTIVITY <u>IMO</u>		B. LEVEL <u>0</u>	8. UTILIZATION CODE <u>0</u>	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS <u>/</u>	11. MILES <u>/</u>	12. ROUNDS	13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)						15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)					
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating	
☐ B Handling		☐ D Normal Op		☐ F Inspection		☒ H Other		☐ 008 Noisy		☐ 387 Low Performance	
								☐ 790 Out of Adjustment		☒ Other	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <u>5,400 Rnds Fired</u> <u>Magnave Well Broken</u>											
B. REMARKS <u>W52 H095345 H246</u>											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT. CODE	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN	(3) MFR. CODE							
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
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					.					\$	
					.					\$	
					.					\$	
					.					\$	
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$		
21. DELAY (Select One)		☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools	22.		Data Transcribed		
23. SUBMITTED BY <u>[Signature]</u>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	

Remington®

MODEL 700™ H24

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6498734

ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6498734

LPC



0 47700 25716 7

M2400006730

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498734

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		12/21/95	RW
600	Proof		12/24/95	RW
607	Check Headspace		12/21/95	RW
610	Dis-assemble Gun		12/21/95	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/5/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/5/96	RW
	C) Inspect Ejector Hole for Chamfer		1/5/96	RW
	D) Oil Firing Pin Ass'y		1/5/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		1/8/86	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		1/8/86	RW
655	Final Inspection			
	A) Headspace		1/10/86	RW
	B) Trigger Pull	2.62 2.65 2.65 2.69 2.73	1/10/86	RW
	C) Function		1/10/86	RW
660	Pack			

Final Inspection

Sn: C6498734	DATE REC'D: 12/04/95	DATE RET'D:
Auditor: RW		

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ MOUNTING SCREWS
- ☒ MOUNTING BASE
- ☒ SCREWS
- ☒ FINISH
- ☒ LOOSENESS
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ IRON SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET
- ☐

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498734
7 Jan 1900

CENTROIDAL DISTANCES

0 TO 1	1.11281
1 TO 2	.34521
1 TO 3	.709458
1 TO 4	.573621
1 TO 5	.340407

34.3
51

+ (----POA

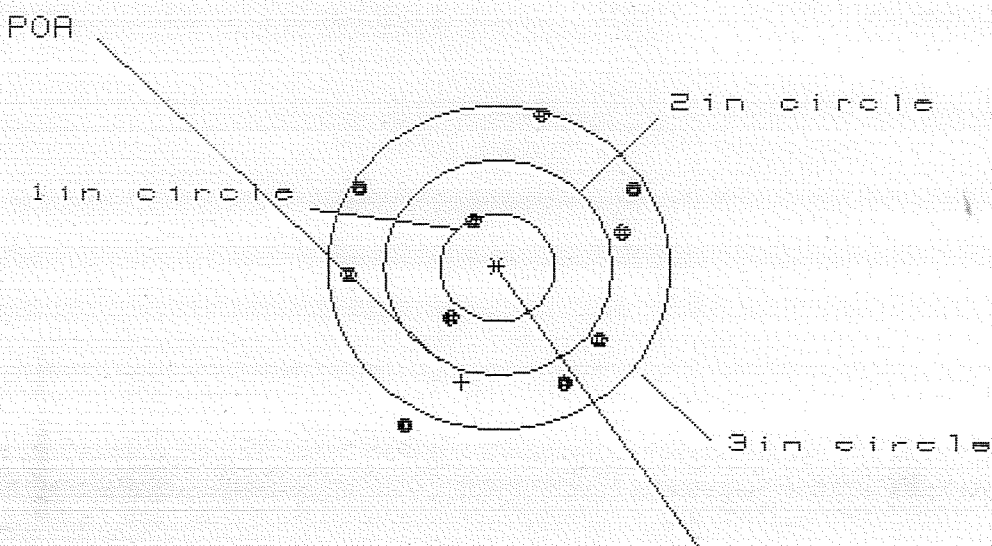
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0508
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.3314
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.33237

THE AMR FOR THIS RIFLE IS: 1.287

7 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C649B734

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 2

3in = 9

HS= 2.499

VS= 2.906

GS= 3.134

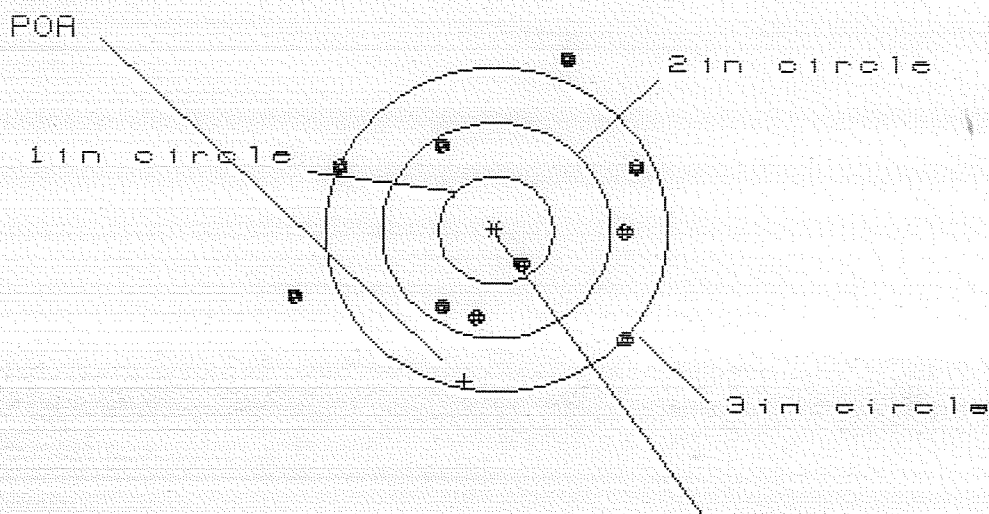
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.142	1.049	1.079
MINIMUM X	:	-1.357	-1.450	-1.420
MAXIMUM Y	:	1.448	1.286	.773
MINIMUM Y	:	-1.458	-1.197	-1.037
CENTROID X	:	.316	.409	.379
CENTROID Y	:	1.067	1.229	1.069
POA TO CENTROID in.	:	1.113	1.296	1.134
MIN RADIUS	:	.485	.408	.514
MEAN RADIUS	:	1.192	1.127	1.094
MAX RADIUS	:	1.682	1.473	1.513
HORIZONTAL SPREAD	:	2.499	2.499	2.499
VERTICAL SPREAD	:	2.906	2.483	1.810
EXTREME SPREAD	:	3.134	2.639	2.639
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C849B734

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

CENTROID #

IN CIR

1in = 1

2in = 4

3in = 6

HS= 2.987

VS= 2.630

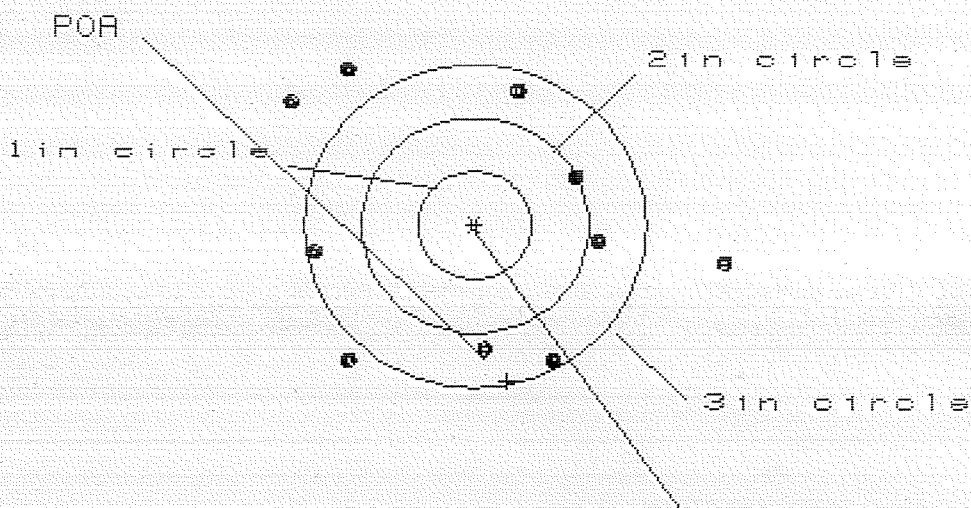
GS= 3.212

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.230	1.035	1.087
MINIMUM X	:	-1.757	-1.614	-1.563
MAXIMUM Y	:	1.576	1.510	.914
MINIMUM Y	:	-1.054	-1.120	-.932
CENTROID X	:	.277	.472	.420
CENTROID Y	:	1.410	1.476	1.288
POA TO CENTROID in.	:	1.437	1.550	1.355
MIN RADIUS	:	.395	.419	.233
MEAN RADIUS	:	1.207	1.126	1.031
MAX RADIUS	:	1.856	1.695	1.715
HORIZONTAL SPREAD	:	2.987	2.649	2.649
VERTICAL SPREAD	:	2.630	2.630	1.846
EXTREME SPREAD	:	3.212	3.009	3.009
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

7 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06498734

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

CENTROID #

IN CIR

1 in = 0

2 in = 1

3 in = 6

HS= 3.836

VS= 2.735

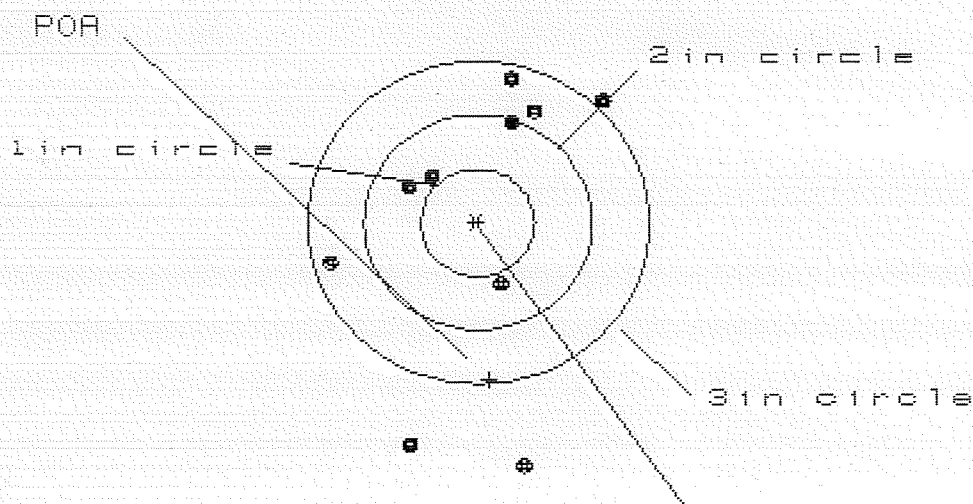
GS= 4.109

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.209	1.353	1.180
MINIMUM X	:	-1.627	-1.381	-1.317
MAXIMUM Y	:	1.460	1.425	1.566
MINIMUM Y	:	-1.275	-1.310	-1.169
CENTROID X	:	-.285	-.531	-.358
CENTROID Y	:	1.444	1.479	1.338
POA TO CENTROID in.	:	1.472	1.571	1.385
MIN RADIUS	:	.930	1.144	1.029
MEAN RADIUS	:	1.498	1.418	1.341
MAX RADIUS	:	2.231	1.783	1.865
HORIZONTAL SPREAD	:	3.836	2.734	2.497
VERTICAL SPREAD	:	2.735	2.735	2.735
EXTREME SPREAD	:	4.109	3.287	3.182
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		6	

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06498734

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

CENTROID #

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS = 2.408

VS = 3.573

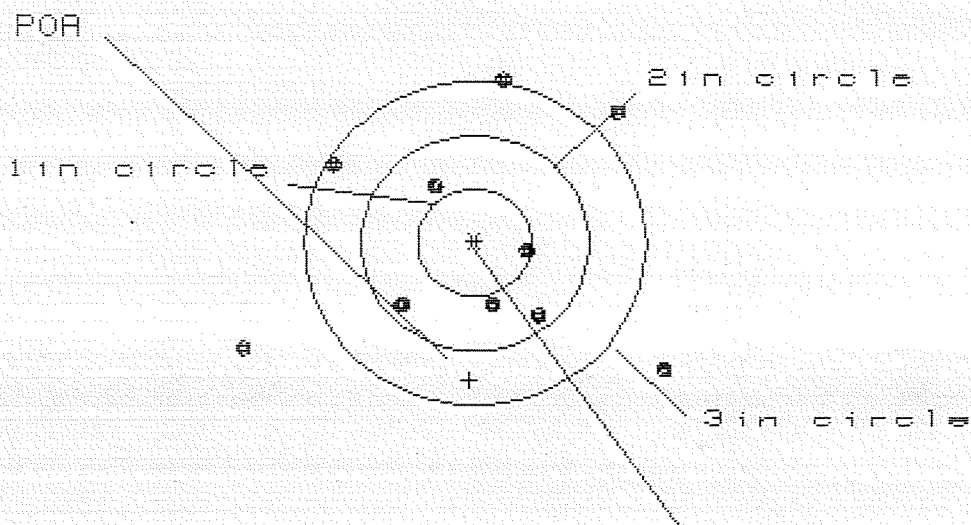
GS = 3.704

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.131	1.173	1.107
MINIMUM X	:	-1.276	-1.235	-1.301
MAXIMUM Y	:	1.339	1.091	.796
MINIMUM Y	:	-2.234	-2.360	-1.141
CENTROID X	:	-.099	-.141	-.075
CENTROID Y	:	1.463	1.711	2.006
POA TO CENTROID in.	:	1.467	1.717	2.008
MIN RADIUS	:	.609	.412	.421
MEAN RADIUS	:	1.291	1.121	.896
MAX RADIUS	:	2.265	2.418	1.590
HORIZONTAL SPREAD	:	2.408	2.408	2.408
VERTICAL SPREAD	:	3.573	3.451	1.937
EXTREME SPREAD	:	3.704	3.704	2.864
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

7 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6498734

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 6

HS= 3.681

VS= 2.717

GS= 4.020

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.619	1.389	1.203
MINIMUM X	:	-2.063	-1.491	-1.317
MAXIMUM Y	:	1.545	1.435	1.275
MINIMUM Y	:	-1.172	-1.282	-.926
CENTROID X	:	.045	.274	.100
CENTROID Y	:	1.273	1.383	1.543
POA TO CENTROID in.	:	1.274	1.410	1.546
MIN RADIUS	:	.424	.279	.501
MEAN RADIUS	:	1.248	1.123	1.031
MAX RADIUS	:	2.288	1.890	1.568
HORIZONTAL SPREAD	:	3.681	2.880	2.520
VERTICAL SPREAD	:	2.717	2.717	2.201
EXTREME SPREAD	:	4.020	3.437	2.638
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498734

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2	90	RW
600	Proof	5 2	90	RW
607	Check Headspace	5 2	90	RW
610	Dis-assemble Gun	5 2	90	RW
612	Magnaflux Barrel Action	5-8-90		KER
	Magnaflux Bolt	5-8-90		KER
615	Rollmark Caliber		5/8/90	GS
617	Drill and Tap Sight Holes		5/9/90	FB
618	Polish Barrel RB		5/10/90	WB
620	Apply Coatings (Barrel Action)		5/16/90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/18/90	RW
	C) Inspect Ejector Hole for Chamfer		5/18/90	RW
	D) Oil Firing Pin Ass'y		5/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/23/90	JH

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	3 1/4	3 1/4	3 1/4	5/23/90	WB
	G) Safety Off Force	2	2	2	5/23/90	WB
	H) Trigger Pull Test & Retainability				5/23/90	JH
	I) Firing Pin Indent	.0225	.023	.0275	5/23/90	WB
	J) Assemble Stock				5/24/90	RW
	K) Assemble Swivel Studs				29 May 90	JH
	L) Attach Front and Rear Sight Assemblies				5/24/90	RW
	M) Iron Sight Alignment				5/24/90	RW
	N) Detach Front & Rear Sights & place in numbered container				5/24/90	RW
	O) Attach Scope to Rifle				5/24/90	WB
	P) Detach & Attach Scope 20 Times				5/24/90	WB
640	- Gallery Target & Test				5-25-90	A
	A) Time				"	A
	B) Malfunctions				"	A
	C) Pierced Primers				"	A
	D) Optical Clarity of Scope				"	A
645	Inspect for Live Ammo				5-25-90	A
655	Final Inspection					
	A) Headspace				29 May 90	JH
	B) Trigger Pull	280	273	280	29 May 90	JH
	C) Function				29 May 90	JH
660	Pack				6-20-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6498734DATE 5/23/90TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.20	2.29	2.80	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.17	2.19	2.73	
PULL #3	2.44	2.09	2.56	2.80	
PULL #4	2.21	2.17	2.24	2.82	
PULL #5	2.27	2.28	2.31	2.80	
TOTAL	11.80	10.91	11.58		
AVG.	2.36	2.182	2.316		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.39		
PULL #2	3.07	3.10		
PULL #3	3.21	3.22		
PULL #4	3.23	3.24		
PULL #5	3.21	3.23		
TOTAL	15.94	16.18		
AVG.	3.188	3.236		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.75	4.42		4.51
PULL #2	4.49	4.35		4.19
PULL #3	4.52	4.53		4.01
PULL #4	4.46	4.51		4.09
PULL #5	4.56	4.42		4.28
TOTAL	22.18	22.23		21.08
AVG.	4.436	4.446		4.216

CENTROIDAL DISTANCES

Ø TO	1	.48568
1 TO	2	.333294
1 TO	3	.429495
1 TO	4	.240969
1 TO	5	.0422019

t_{34}^2 <----POA
3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400006743

25 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C643B734

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 2.266

VS = 3.076

GS = 3.162

CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.972	.905	.911
MINIMUM X	:	-1.294	-1.361	-1.355
MAXIMUM Y	:	1.575	1.140	.974
MINIMUM Y	:	-1.501	-1.326	-.736
CENTROID X	:	.484	.551	.544
CENTROID Y	:	-.051	-.226	-.060
POA TO CENTROID in.	:	.486	.596	.548
MIN RADIUS	:	.147	.054	.141
MEAN RADIUS	:	.912	.798	.730
MAX RADIUS	:	1.689	1.374	1.400
HORIZONTAL SPREAD	:	2.266	2.266	2.266
VERTICAL SPREAD	:	3.076	2.466	1.710
EXTREME SPREAD	:	3.162	2.466	2.295
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/08496734

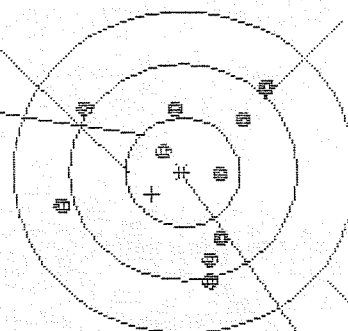
CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.838

VS= 1.795

GS= 2.165

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.717

.593

.525

MINIMUM X

-1.121

-.995

-.921

MAXIMUM Y

.822

.786

.688

MINIMUM Y

-.973

-1.009

-.911

CENTROID X

.273

.397

.323

CENTROID Y

.207

.243

.145

POA TO CENTROID in.

.343

.466

.354

MIN RADIUS

.270

.224

.315

MEAN RADIUS

.780

.720

.691

MAX RADIUS

1.166

1.119

1.104

HORIZONTAL SPREAD

1.838

1.588

1.446

VERTICAL SPREAD

1.795

1.795

1.599

EXTREME SPREAD

2.165

1.873

1.850

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

7

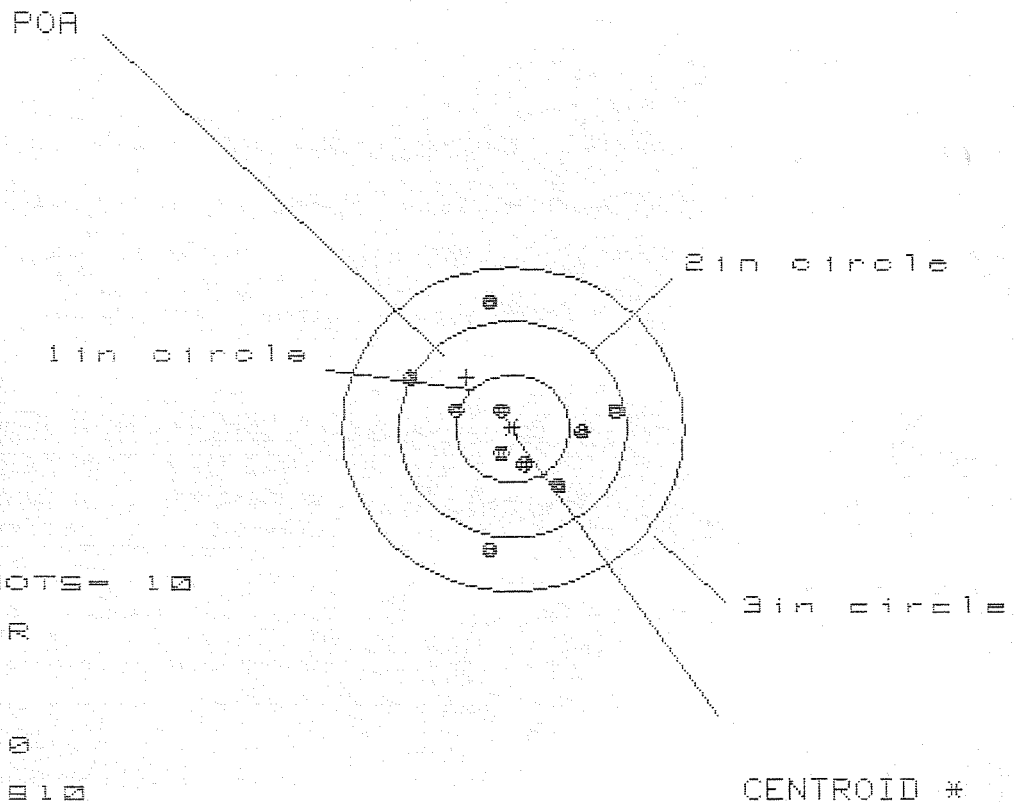
NUMBER IN THREE INCH CIRCLE =

10

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.810

VS= 2.319

GS= 2.319

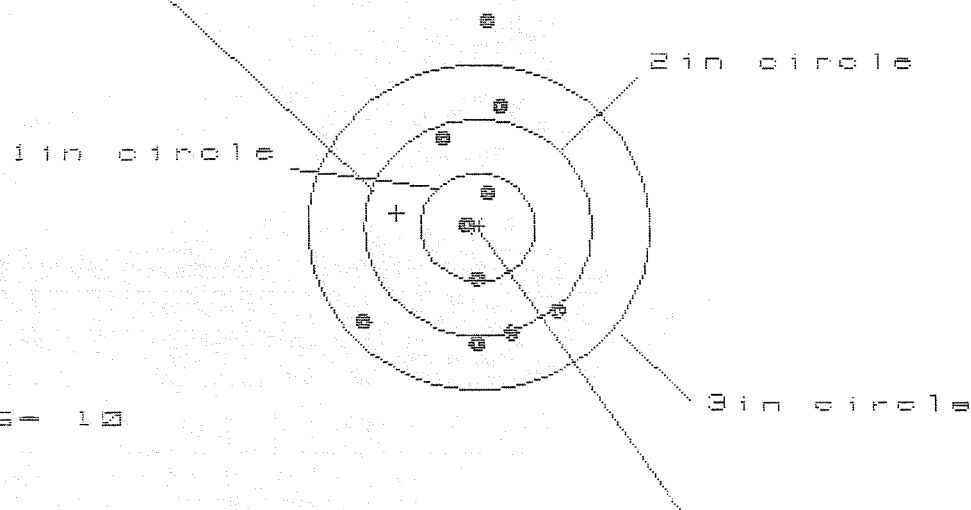
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.917	.893	.865
MINIMUM X	:	-.893	-.917	-.945
MAXIMUM Y	:	1.218	.634	.514
MINIMUM Y	:	-1.101	-.966	-.533
CENTROID X	:	.399	.423	.451
CENTROID Y	:	-.472	-.607	-.487
POA TO CENTROID in.	:	.618	.740	.663
MIN RADIUS	:	.211	.159	.249
MEAN RADIUS	:	.698	.619	.577
MAX RADIUS	:	1.236	1.115	1.075
HORIZONTAL SPREAD	:	1.810	1.810	1.810
VERTICAL SPREAD	:	2.319	1.600	1.047
EXTREME SPREAD	:	2.319	1.837	1.837
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4

POA



OF SHOTS = 10

IN CIR

1in = 3

2in = 4

3in = 8

HG = 1.651

VG = 3.013

GG = 3.015

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.671	.685	.564
MINIMUM X	:	-.980	-.966	-.427
MAXIMUM Y	:	1.906	1.321	1.239
MINIMUM Y	:	-1.107	-.895	-.977
CENTROID X	:	.713	.699	.820
CENTROID Y	:	-.126	-.338	-.256
POA TO CENTROID in.	:	.724	.777	.859
MIN RADIUS	:	.067	.223	.220
MEAN RADIUS	:	.927	.804	.754
MAX RADIUS	:	1.910	1.332	1.240
HORIZONTAL SPREAD	:	1.651	1.651	.991
VERTICAL SPREAD	:	3.013	2.216	2.216
EXTREME SPREAD	:	3.015	2.280	2.220
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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FILE:/PATTERNING/CENTERFIRE_PATT/06438734

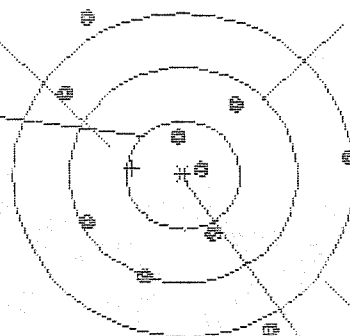
CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 2.524

VS= 2.858

GS= 3.277

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.466	1.368	1.445
MINIMUM X	:	-1.058	-1.156	-1.079
MAXIMUM Y	:	1.448	.923	.767
MINIMUM Y	:	-1.410	-1.249	-.983
CENTROID X	:	.443	.541	.464
CENTROID Y	:	-.061	-.222	-.066
POA TO CENTROID in.	:	.447	.585	.468
MIN RADIUS	:	.190	.207	.170
MEAN RADIUS	:	1.008	.923	.849
MAX RADIUS	:	1.697	1.480	1.451
HORIZONTAL SPREAD	:	2.524	2.524	2.524
VERTICAL SPREAD	:	2.858	2.172	1.750
EXTREME SPREAD	:	3.277	2.806	2.602
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	